

STATE OF WASHINGTON  
**DEPARTMENT OF FISH & WILDLIFE**  
**LANDS AND RESTORATION SERVICES PROGRAM**  
Salmonid Screening, Habitat Enhancement &  
Restoration Division (SSHEAR)

**OFF-CHANNEL SITE INVENTORY DATA**

**General Information:**

<b>Region:</b> North Coast	<b>Observer(s):</b> Nettnin
<b>River System:</b> Sol Duc	<b>Date:</b> 3/23/98
<b>Site Identifier:</b> S-316L-03	<b>WRIA:</b> 20.0316C (P)
<b>River Mile Location:</b> 0.15 mi.	<b>RB/LB:</b> RB
<b>Local Name:</b> Unnamed	<b>Trib. to:</b> 20.0316A (P)
<b>Legal Description:</b> SW ¼ Sec 13 T30N R13W	<b>County:</b> Clallam
<b>Habitat Type:</b> Upper Valley Wall Trib.	
<b>Landowner:</b> <input type="checkbox"/> Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Other Government <input checked="" type="checkbox"/> Private - Department of Natural Resources - Possibly Rayonier Timber Operations Company	

**Directions to site:**

North from Forks on highway 101 to MP 200.5. Turn left onto West Lake Pleasant Road, then bear to the right just past the bridge over Lake Creek. Continue for about 2.9 miles (the county road ends at 1.0 mile and the 9000 Line begins) to the 9089, the road to the right at the top of the hill. Just past the 9089, stream 20.0316 crosses under the 9000. The next two cross drains merge to form S-316L-03 and flow into S-316L-01.

**Site Overview:**

This valley wall tributary drains about 40 acres of commercial forest. Most of the forest has been harvested. The channel sources on a side hill that forms a saddle on the divide between the Hoko drainage and Lake Creek. The channel flows at a gradient of ~ 10% through a V-notch valley to 20.0316A. There is a satisfactory RMZ composed of predominantly ~ 30 years old deciduous trees. Above the fork, the riparian is made up of conifers.

**Habitat Information:**

**Water sources:** Surface runoff, small valley wall tributaries

**Intermittent/year-around:** Unknown, probably intermittent

**Estimated flows (cfs):** Lower end: 0.08 - 0.1 Upper end: 0.08 - 0.1

**Water temperatures:** Lower end: 5.0°C Upper end: 5.0°C

**Adjacent stream temperature S-316L-01 (20.0316A):** 5.0°C

**Other water observations:** Clearwater

**Site area measurements:** ☐ Indirect ☐ Direct ☒ Combination

Widths: Channels - 1.0 - 2.0 m	Ponds - NA	Wetlands - NA
Depths: Channels - 10 - 15 cm	Ponds - NA	Wetlands - NA
Total length estimated (includes ponds and wetlands): 50 m		

**Total existing habitat area** 75 m<sup>2</sup>

Spawning area: 5 m<sup>2</sup>

Impounded area: 0 m<sup>2</sup>

Other rearing area: 70 m<sup>2</sup>

**Spawning Habitat conditions:** ☐ None ☐ Poor ☒ Fair ☐ Good ☐ Excellent

**Describe spawning habitat:**

- The gradient is 10 - 12%.
- The spawning conditions favor trout.

**Rearing habitat conditions:** ☐ None ☐ Poor ☒ Fair ☐ Good ☐ Excellent

**Describe pond and other rearing habitat:**

- The only slack water associated with this channel is in the deeper pools.
- Riparian is made up of alders.
- Fair amount of woody debris and boulders in the channel.

**Describe inaccessible habitat:** NA

**Describe wetland:** ☐ Bog ☐ Marsh ☐ Scrub-shrub Wetland ☐ Forested Wetland

**Flooding potential:** ☐ Low ☒ Medium ☐ High

- This valley wall tributary is susceptible to flashy flows.

**Fish Information:**

**Site entry condition to S-316L-01:** ☐ Poor ☐ Fair ☒ Good

- Egresses into a pool formed by woody debris and boulders.
- Open and accessible.

**Coho access and use:**

- Juvenile - ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good
- Adult - ☐ Unknown ☒ None ☐ Poor ☐ Fair ☐ Good

**Other species access and use:** ☐ Chum ☐ Pink ☐ Sockeye ☐ Chinook ☒ Trout

- It is assumed that trout use this stream.
- The channel is open and available.

**Habitat Improvements:**

**Enhancement opportunities:**

Possible project type:

- Reduce turbidity produced by the 9000 mainline
- Maintain the integrity of the stream.

Equipment access: No access

**Additional Comments:** G.P.S. coordinates for confluence of S-316L-03 and S-316L-01 are: east 1,067,690, north 1,030,073

**Attachments Available:**

**Contact a respective SSHEAR habitat biologist for the following checked items:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Aerials          | <input checked="" type="checkbox"/> Sketch | <input checked="" type="checkbox"/> Maps   | <input type="checkbox"/> Culvert Report |
| <input type="checkbox"/> Other references | <input type="checkbox"/> Spawning surveys  | <input type="checkbox"/> Juvenile trapping | <input type="checkbox"/> Fishway Report |





